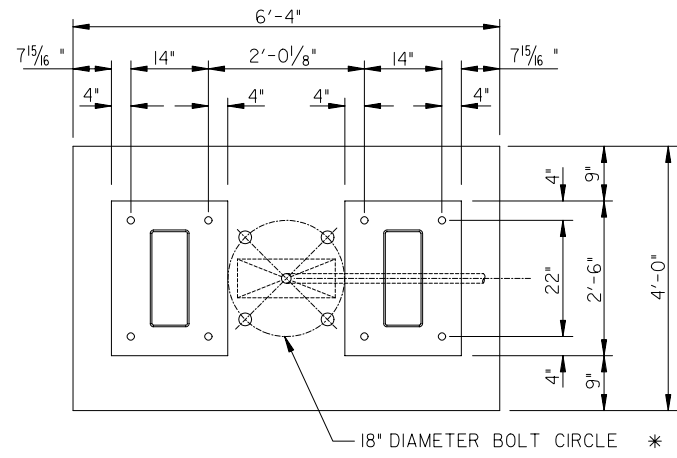


ANCHOR BOLT LAYOUT PLAN



BASE PLATE LAYOUT PLAN

GENERAL NOTES

1. MINIMUM SOIL REQUIREMENTS:
THIS FOUNDATION DESIGN IS BASED ON SOILS ABLE TO DEVELOP THE FOLLOWING VALUES FOR CONCRETE FILLED DRILLED IN PLACE PIERS.
SKIN FRICTION AT 500 LBS/SQ. FT., LATERAL BEARING PRESSURE = 200 LBS/SQ. FT. PER FOOT OF DEPTH.
2. EXISTING SOIL CONDITIONS TO BE DETERMINED PRIOR TO FINAL FOUNDATION DESIGN.
3. CONCRETE 4000 P.S.I. AT 28 DAYS.
4. REBAR GRADE 60.
5. EMBEDDED PLATES - A-36.
6. ANCHOR BOLTS - A-36 FULLY GALVANIZED.
7. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED.

*BOLTS FOR INTERIM SIGNAL ERECTION
MAY BE DELETED AT ENGINEER'S DIRECTION.

APPROVED: ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE DATE _____
DEPUTY PUBLIC WORKS MANAGER
TRANSPORTATION

APPROVED: _____ DATE _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER